1600

RAW SEQUENCE LISTING   DATE: 04/01/2003
PATENT APPLICATION: **US/09/423,516A**   TIME: 11:20:25

Input Set : **N:\Crf4\03272003\I423516B.raw**
Output Set: **N:\CRF4\04012003\I423516A.raw**

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      1 <110> APPLICANT: Medical Research Council
      2 <120> TITLE OF INVENTION: HGF Polypeptides and their use in therapy
      3 <130> FILE REFERENCE: 1090-26
C-->  4 <140> CURRENT APPLICATION NUMBER: US/09/423,516A
      5 <141> CURRENT FILING DATE: 2000-02-10
      6 <150> PRIOR APPLICATION NUMBER: PCT/GB98/01318
      7 <151> PRIOR FILING DATE: 1998-05-07
      8 <150> PRIOR APPLICATION NUMBER: GB 9709453.6
      9 <151> PRIOR FILING DATE: 1997-05-10
     10 <160> NUMBER OF SEQ ID NOS: 3
     11 <170> SOFTWARE: PatentIn Ver. 2.0
     13 <210> SEQ ID NO: 1
     14 <211> LENGTH: 49
     15 <212> TYPE: DNA
     16 <213> ORGANISM: Artificial Sequence
     17 <220> FEATURE:
     18 <223> OTHER INFORMATION: Description of Artificial Sequence: double stranded
oligonucleotide
     19 <400> SEQUENCE: 1
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     22 <210> SEQ ID NO: 2
     23 <211> LENGTH: 728
     24 <212> TYPE: PRT
     25 <213> ORGANISM: h. sapiens
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     28      1               5                  10                  15
     29     Leu His Leu Leu Leu Leu Pro Ile Ala Ile Pro Tyr Ala Glu Gly Gln
     30                      20                  25                  30
     31     Arg Lys Arg Arg Asn Thr Ile His Glu Phe Lys Lys Ser Ala Lys Thr
     32                  35                  40                  45
     33     Thr Leu Ile Lys Ile Asp Pro Ala Leu Lys Ile Lys Thr Lys Lys Val
     34          50                  55                  60
     35     Asn Thr Ala Asp Gln Cys Ala Asn Arg Cys Thr Arg Asn Lys Gly Leu
     36      65                  70                  75                  80
     37     Pro Phe Thr Cys Lys Ala Phe Val Phe Asp Lys Ala Arg Lys Gln Cys
     38                      85                  90                  95
     39     Leu Trp Phe Pro Phe Asn Ser Met Ser Ser Gly Val Lys Lys Glu Phe
     40                     100                 105                 110
     41     Gly His Glu Phe Asp Leu Tyr Glu Asn Lys Asp Tyr Ile Arg Asn Cys
     42                     115                 120                 125
     43     Ile Ile Gly Lys Gly Arg Ser Tyr Lys Gly Thr Val Ser Ile Thr Lys
     44          130                 135                 140
     45     Ser Gly Ile Lys Cys Gln Pro Trp Ser Ser Met Ile Pro His Glu His
```

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46      145                 150                 155                 160
47      Ser Phe Leu Pro Ser Ser Tyr Arg Gly Lys Asp Leu Gln Glu Asn Tyr
48                      165                 170                 175
49      Cys Arg Asn Pro Arg Gly Glu Glu Gly Gly Pro Trp Cys Phe Thr Ser
50                      180                 185                 190
51      Asn Pro Glu Val Arg Tyr Glu Val Cys Asp Ile Pro Gln Cys Ser Glu
52                      195                 200                 205
53      Val Glu Cys Met Thr Cys Asn Gly Glu Ser Tyr Arg Gly Leu Met Asp
54                  210                 215                 220
55      His Thr Glu Ser Gly Lys Ile Cys Gln Arg Trp Asp His Gln Thr Pro
56      225             ·           230                 235                 240
57      His Arg His Lys Phe Leu Pro Glu Arg Tyr Pro Asp Lys Gly Phe Asp
58                      245                 250                 255
59      Asp Asn Tyr Cys Arg Asn Pro Asp Gly Gln Pro Arg Pro Trp Cys Tyr
60                      260                 265                 270
61      Thr Leu Asp Pro His Thr Arg Trp Glu Tyr Cys Ala Ile Lys Thr Cys
62                  275                 280                 285
63      Ala Asp Asn Thr Met Asn Asp Thr Asp Val Pro Leu Glu Thr Thr Glu
64                  290                 295                 300
65      Cys Ile Gln Gly Gln Gly Glu Gly Tyr Arg Gly Thr Val Asn Thr Ile
66      305                 310                 315                 320
67      Trp Asn Gly Ile Pro Cys Gln Arg Trp Asp Ser Gln Tyr Pro His Glu
68                      325                 330                 335
69      His Asp Met Thr Pro Glu Asn Phe Lys Cys Lys Asp Leu Arg Glu Asn
70                  340                 345                 350
71      Tyr Cys Arg Asn Pro Asp Gly Ser Glu Ser Pro Trp Cys Phe Thr Thr
72                  355                 360                 365
73      Asp Pro Asn Ile Arg Val Gly Tyr Cys Ser Gln Ile Pro Asn Cys Asp
74                  370                 375                 380
75      Met Ser His Gly Gln Asp Cys Tyr Arg Gly Asn Gly Lys Asn Tyr Met
76      385                 390                 395                 400
77      Gly Asn Leu Ser Gln Thr Arg Ser Gly Leu Thr Cys Ser Met Trp Asp
78                  405                 410                 415
79      Lys Asn Met Glu Asp Leu His Arg His Ile Phe Trp Glu Pro Asp Ala
80                  420                 425                 430
81      Ser Lys Leu Asn Glu Asn Tyr Cys Arg Asn Pro Asp Asp Asp Ala His
82                  435                 440                 445
83      Gly Pro Trp Cys Tyr Thr Gly Asn Pro Leu Ile Pro Trp Asp Tyr Cys
84                  450                 455                 460
85      Pro Ile Ser Arg Cys Glu Gly Asp Thr Thr Pro Thr Ile Val Asn Leu
86      465                 470                 475                 480
87      Asp His Pro Val Ile Ser Cys Ala Lys Thr Lys Gln Leu Arg Val Val
88                  485                 490                 495
89      Asn Gly Ile Pro Thr Arg Thr Asn Ile Gly Trp Met Val Ser Leu Arg
90                  500                 505                 510
91      Tyr Arg Asn Lys His Ile Cys Gly Gly Ser Leu Ile Lys Glu Ser Trp
92                  515                 520                 525
93      Val Leu Thr Ala Arg Gln Cys Phe Pro Ser Arg Asp Leu Lys Asp Tyr
94                  530                 535                 540
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```
 95      Glu Ala Trp Leu Gly Ile His Asp Val His Gly Arg Gly Asp Glu Lys
 96      545             550             555             560
 97      Cys Lys Gln Val Leu Asn Val Ser Gln Leu Val Tyr Gly Pro Glu Gly
 98                  565             570             575
 99      Ser Asp Leu Val Leu Met Lys Leu Ala Arg Pro Ala Val Leu Asp Asp
100                  580             585             590
101       Phe Val Ser Thr Ile Asp Leu Pro Asn Tyr Gly Cys Thr Ile Pro Glu
102                   595             600             605
103       Lys Thr Ser Cys Ser Val Tyr Gly Trp Gly Tyr Thr Gly Leu Ile Asn
104           610             615             620
105       Tyr Asp Gly Leu Leu Arg Val Ala His Leu Tyr Ile Met Gly Asn Glu
106       625             630             635             640
107       Lys Cys Ser Gln His His Arg Gly Lys Val Thr Leu Asn Glu Ser Glu
108                   645             650             655
109       Ile Cys Ala Gly Ala Glu Lys Ile Gly Ser Gly Pro Cys Glu Gly Asp
110                   660             665             670
111       Tyr Gly Gly Pro Leu Val Cys Glu Gln His Lys Met Arg Met Val Leu
112               675             680             685
113       Gly Val Ile Val Pro Gly Arg Gly Cys Ala Ile Pro Asn Arg Pro Gly
114               690             695             700
115       Ile Phe Val Arg Val Ala Tyr Tyr Ala Lys Trp Ile His Lys Ile Ile
116       705             710             715             720
117       Leu Thr Tyr Lys Val Pro Gln Ser
118                   725
120 <210> SEQ ID NO: 3
121 <211> LENGTH: 27
122 <212> TYPE: PRT
123 <213> ORGANISM: h. sapiens
124 <400> SEQUENCE: 3
125       Cys Ala Asn Arg Cys Thr Arg Asn Lys Gly Leu Pro Phe Thr Cys Lys
126        1               5               10              15
127       Ala Phe Val Phe Asp Lys Ala Arg Lys Gln Cys
128                   20              25
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 04/01/2003
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<u>Invalid Line Length:</u>
The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 18

VERIFICATION SUMMARY   DATE: 04/01/2003
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L:4 M:270 C: Current Application Number differs, Wrong Format